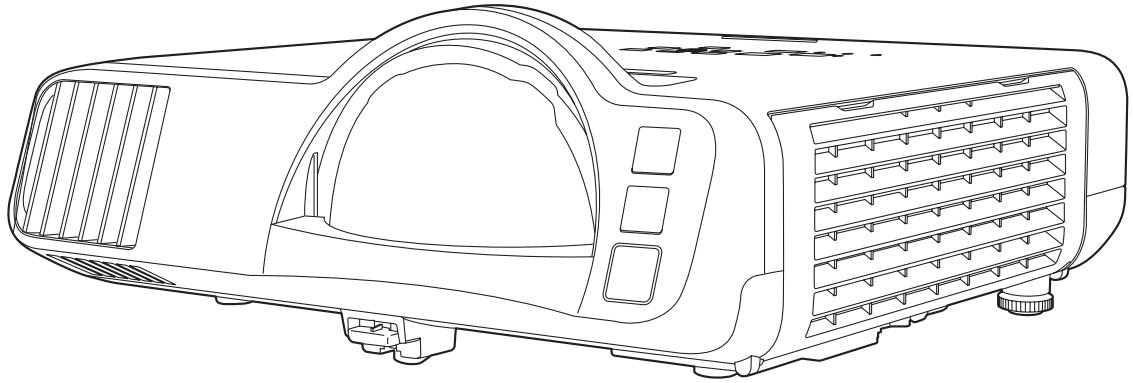
EPSON

EB-L210SF ELPMB23 ELPMB60W
EB-L210SW ELPFP13 ELPMB60B
ELPFP14 ELPMB61W
ELPMB61B
ELPMB64

Specifications



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About This Document

This document contains specification information of your projector and optional accessories such as external devices and mounts. See your projector's User's Guide for more details.

Projector Specifications

This projector projects a short-throw laser display.

Specifications

Item			EB-L210SF	EB-L210SW
Projection system			RGB liquid crystal shutter	
LCD panel	Size (diagonal)		0.62"	0.59"
	Display method		Poly-silicon TFT active matrix	
	Pixel number		2,073,600 dots Full HD (W1,920 × H1,080 dots) × 3	1,024,000 dots WXGA (W1,280 × H800 dots) × 3
	Aspect ratio		16:9	16:10
Projection lens	Lens	F-number	1.6	
		Focal length	6.4 mm	
	Zoom	System	Degital	
		Method	Manual	
		Ratio	1.0 - 1.35	
	Focus	Method	Manual	
	Screen size (Wide)		55" to 300"	53" to 300"
	Throw ratio	Wide	0.45	0.48
		Tele	0.61	0.65
Light source	Type		Laser diode	
	Output power		Up to 81 W	
	Wavelength		449 - 461 nm	
	Life [*1]		Up to about 20,000 hours (Light Source Mode: Normal or Quiet) Up to about 30,000 hours (Light Source Mode: Extended)	
Brightness/ Image quality	Brightness [*2]		4,000 lm (Light Source Mode: Normal) 2,800 lm (Light Source Mode: Quiet)	
	Contrast ratio [*2]		Over 5,000,000:1 (Dynamic Contrast: On)	
	Color reproduction		Approx. 1,070 million colors (Depends on the interface)	
Speaker	Number		1	
	Max. audio output		16 W (Monaural)	

Item			EB-L210SF	EB-L210SW
Power supply			100-240V AC±10% 50/60Hz 2.8 - 1.3 A	
Power consumption	Operating	100 - 120 V	272 W (Light Source Mode: Normal, Custom) 199 W (Light Source Mode: Quiet, Extended)	
		220 - 240 V	260 W (Light Source Mode: Normal, Custom) 191 W (Light Source Mode: Quiet, Extended)	
	Standby	Communication: On	2.0 W	
		Communication: Off	0.5 W	
Scanning frequency	Analog	Pixcel clock	25.18 MHz - 162 MHz	
		Horizontal	31.25 kHz - 92 kHz	
		Vertical	50 Hz - 85 Hz	
	Digital	Pixcel clock	25.175 MHz - 594 MHz	
		Horizontal	15 kHz - 135 kHz	
		Vertical	23.98/24/25/29.97/30/50/59.94/60 Hz	
Operation environment	Altitude		Altitude 0 - 3,048 m	
	Temperature [*3]	When using a single projector installation	Altitude of 0 to 2,286 m: 0 to +40°C Altitude of 2,287 to 3,048 m: 0 to +35°C (Humidity of 20 to 80%, No condensation)	
		When using a multiple projector installation	Altitude of 0 to 2,286 m: 0 to +35°C Altitude of 2,287 to 3,048 m: 0 to +30°C (Humidity of 20 to 80%, No condensation)	
	Storage temperature		-10 to +60°C (Humidity of 10 to 90%, No condensation)	
	Heat output (maximum)	100 - 120 V	925 BTU/Hour	
		220 - 240 V	884 BTU/Hour	
	Fan noise [*2]		37 dB (Light Source Mode: Normal) 27 dB (Light Source Mode: Quiet)	
	Exhaust air volume (maximum)		54.1 CFM	

Item			EB-L210SF	EB-L210SW
Wireless communication	Standard	Wireless LAN	IEEE 802.11b/g/n (2.4GHz) (DSSS/CCK, OFDM) IEEE 802.11a/n/ac (5GHz) (OFDM)	
		Screen Mirroring	IEEE 802.11b/g/n (2.4GHz) (DSSS/CCK, OFDM) IEEE 802.11a/n/ac (5GHz) (OFDM)	
	Security type	Wireless LAN	WPA2/WPA3-PSK, WPA2/WPA3-EAP (EAP type: PEAP/ PEAP-TLS/ EAP-TLS/ EAP-Fast)	
		Screen Mirroring	WPA2-PSK(AES)	
Dimensions	Maximum		W325×H131×D337 mm	
	Not including raised section and cable cover		W325×H90×D337 mm	
Weight			Approx. 4.6 kg	

*1 Approximate time until the light source brightness decreases to half of its original value. (Assuming the projector is used in an atmosphere in which airborne particulate matter is less than 0.04 to 0.2mg/m3. The estimated time varies depending on the projector usage and operating conditions.)

*2 The measurement averaged value of the entire product at the time of shipment, and is described in accordance with the JIS X6911 data projector specification format. The measurement method and measurement conditions are based on Annex 2.

*3 Light source brightness automatically dims if the surrounding temperature gets too high. (Approximately 35°C at an altitude of 0 to 2,286 m, and approximately 30°C at an altitude of 2,287 to 3,048 m; however, this may vary depending on the surrounding environment.)

Application and System Requirements

You can use the following applications with your projector.
See the following Web site to check the system requirements and download the necessary application and manuals.
epson.sn/

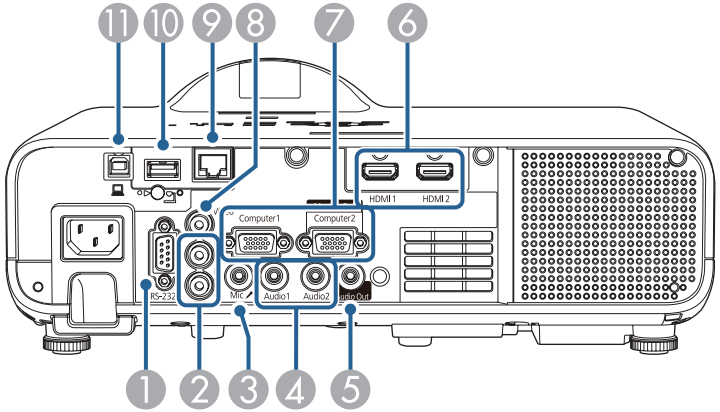
Applications	Details
USB Display	You can send video and audio output to the projector through the computer's USB port.
Epson iProjection (Windows/Mac)	You can project images from network projectors. You can project up to four images at the same time by splitting the projected screen. computer's USB port.
Epson iProjection (iOS/Android)	You can project image from your mobile devices wirelessly.
Epson iProjection (Chromebook)	You can project image from your Chromebook wirelessly.
Epson Projector Management	You can check the status of multiple networked projectors and perform various projector operations from your computer.
Epson Projector Content Manager	You can create playlists that contain images, movies, or both. You can save them on a USB memory device and play them back from projectors.
Epson Creative Projection	You can easily create original content using a wide variety of templates.
Epson Wireless Transmitter Settings	You can use the optional wireless presentation system to quickly connect the projector to computers wirelessly and project your image.

USB Display System Requirements

To use the projector's Epson USB Display software, your computer must meet the following system requirements.

Requirement	Windows	Mac
Operating system	Windows 8.1 • Windows 8.1 (32- and 64-bit) • Windows 8.1 Pro (32- and 64-bit) • Windows 8.1 Enterprise (32- and 64-bit) Windows 10 • Windows 10 Home (32- and 64-bit) • Windows 10 Pro (32- and 64-bit) • Windows 10 Enterprise (32- and 64-bit) Windows 11 • Windows 11 (Home 64-bit) • Windows 11 (Pro 64-bit) • Windows 11 (Enterprise 64-bit) • Windows 11 (Education 64-bit)	macOS • 10.13.x (64 bit) • 10.14.x (64 bit) • 10.15.x (64 bit) • 11.0.x (64 bit) • 12.0.x (64 bit)
CPU	Intel Core2Duo or faster (Intel Core i3 or faster recommended)	Intel Core2Duo or faster (Intel Core i5 or faster recommended)
Memory	2 GB or more (4 GB or more recommended)	
Hard disk space	20 MB or more	
Display	Resolution between 640 × 480 and 1920 × 1200 16-bit color or more	

Interface



No	Name
❶	RS-232C port (D-Sub 9pin)
❷	L-Audio-R ports (stereo mini)
❸	Mic port (stereo mini)
❹	Audio1/Audio2 ports (stereo mini)
❺	Audio Out port (stereo mini)
❻	HDMI1/HDMI2 ports (HDMI)
❼	Computer1 (mini D-Sub15pin) Computer2/Monitor Out ports * (mini D-Sub15pin)
❽	Video port (composite RCA)
❾	LAN port (RJ-45: 100Base-TX)
❿	USB-A port (USB Type-A)
⓫	USB-B port (USB Type-B)

* Select the projector's [Signal I/O] > [Monitor Out Port] setting to set the behavior of this port.

Supported Monitor Display Resolutions

HDMI

Signal Information				HDMI												
Mode	Resolution	Refresh Rate [Hz]	Link	YCbCr									RGB		
				4:2:0			4:2:2			4:4:4					
				8	10	12	8	10	12	8	10	12	8	10	12
PC	640 x 480	59.94p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	800 x 600	60.32p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1024 x 768	60p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1280 x 800	59.81p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1280 x 960	60p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1280 x 1024	60.02p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1366 x 768	59.79p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1400 x 1050	59.98p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1440 x 900	59.89p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1600 x 900	60p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1600 x 1200	60p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1680 x 1050	59.95p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	1920 x 1200	59.95p	Single	–	–	–	–	–	–	–	–	–	✔	–	–
PC	2048 x 1536	59.95p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	2560 x 1440	59.95p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	2560 x 1600	59.97p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1920 x 720	60p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1920 x 810	60p	Single	–	–	–	–	–	–	–	–	–	✔*2	–	–
PC	3240 x 1080	60p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	3440 x 1440	30p	Single	–	–	–	–	–	–	–	–	–	–	–	–

Signal Information				HDMI											
Mode	Resolution	Refresh Rate [Hz]	Link	YCbCr									RGB		
				4:2:0			4:2:2			4:4:4					
				8	10	12	8	10	12	8	10	12	8	10	12
Video	720 x 480	59.94p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	720 x 576	50p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1280 x 720	50p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1280 x 720	59.94p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1280 x 720	60p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video *1	720 x 480	59.94i	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video *1	720 x 576	50i	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	23.98p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	24p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	25p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	1920 x 1080	29.97p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	30p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	50p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	59.94p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	60p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	50i	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	59.94i	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	1920 x 1080	60i	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	2560 x 1080	50p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	2560 x 1080	59.94p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	2560 x 1080	60p	Single	–	–	–	–	–	–	–	–	–	✔*2	–	–

Signal Information				HDMI											
Mode	Resolution	Refresh Rate [Hz]	Link	YCbCr									RGB		
				4:2:0			4:2:2			4:4:4					
				8	10	12	8	10	12	8	10	12	8	10	12
Video	3840 x 2160	23.98p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	3840 x 2160	24p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	3840 x 2160	25p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	3840 x 2160	29.97p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	3840 x 2160	30p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	3840 x 2160	50p	Single	✔	–	–	–	–	–	–	–	–	–	–	–
Video	3840 x 2160	59.94p	Single	✔	–	–	–	–	–	–	–	–	–	–	–
Video	3840 x 2160	60p	Single	✔	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	23.98p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	4096 x 2160	24p	Single	–	–	–	✔	–	–	✔	–	–	✔	–	–
Video	4096 x 2160	25p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	29.97p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	30p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	50p	Single	✔	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	59.94p	Single	✔	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	60p	Single	✔	–	–	–	–	–	–	–	–	–	–	–

■ Common notes

✓ Supported deep color. (10bit,12bit)

■ Notes

*1 Pixel repetition: H active is 720 (1440).

*2 Supported only EB-L210SF.

Analog

Signal Information			Composit	D-Sub			
Mode	Resolution	Refresh Rate [Hz]	–	YCbCr (SoY)	RGBHV		
					SS	CS	SoG
PC	640 x 480	59.94p	–	–	✔	–	–
PC	640 x 480	72p	–	–	✔	–	–
PC	640 x 480	75p	–	–	✔	–	–
PC	640 x 480	85p	–	–	✔	–	–
PC	800 x 600	60.32p	–	–	✔	–	–
PC	800 x 600	72p	–	–	✔	–	–
PC	800 x 600	75p	–	–	✔	–	–
PC	800 x 600	85p	–	–	✔	–	–
PC	1024 x 768	60p	–	–	✔	–	–
PC	1024 x 768	70p	–	–	✔	–	–
PC	1024 x 768	75p	–	–	✔	–	–
PC	1024 x 768	85p	–	–	✔	–	–
PC	1152 x 864	70p	–	–	✔	–	–
PC	1152 x 864	75p	–	–	✔	–	–
PC	1152 x 864	85p	–	–	✔	–	–
PC	1280 x 768	60p	–	–	✔	–	–
PC	1280 x 800	59.81p	–	–	✔	–	–
PC	1280 x 800	75p	–	–	✔	–	–
PC	1280 x 800	85p	–	–	✔	–	–
PC	1280 x 960	60p	–	–	✔	–	–
PC	1280 x 960	75p	–	–	✔	–	–
PC	1280 x 960	85p	–	–	✔	–	–
PC	1280 x 1024	60.02p	–	–	✔	–	–
PC	1280 x 1024	75p	–	–	✔	–	–
PC	1280 x 1024	85p	–	–	✔	–	–

Signal Information			Composit	D-Sub			
Mode	Resolution	Refresh Rate [Hz]	–	YCbCr (SoY)	RGBHV		
					SS	CS	SoG
PC	1366 x 768	59.79p	–	–	✔	–	–
PC	1400 x 1050	59.98p	–	–	✔	–	–
PC	1400 x 1050	75p	–	–	✔	–	–
PC	1440 x 900	59.89p	–	–	✔	–	–
PC	1440 x 900	75p	–	–	✔	–	–
PC	1440 x 900	85p	–	–	✔	–	–
PC	1600 x 900	60p	–	–	✔	–	–
PC	1600 x 1200	60p	–	–	✔	–	–
PC	1680 x 1050	59.95p	–	–	✔*1	–	–
PC	1920 x 1200	59.95p	–	–	✔	–	–
PC	2048 x 1536	59.95p	–	–	–	–	–
PC	2560 x 1440	59.95p	–	–	–	–	–
PC	2560 x 1600	59.97p	–	–	–	–	–

Signal Information			Composit	D-Sub			
Mode	Resolution	Refresh Rate [Hz]	-	YCbCr (SoY)	RGBHV		
					SS	CS	SoG
Video	720 x 480	59.94i	✔	–	–	–	–
Video	720 x 576	50i	✔	–	–	–	–
Video	720 x 480	59.94p	–	–	✔	–	–
Video	720 x 576	50p	–	–	✔	–	–
Video	1280 x 720	50p	–	–	✔	–	–
Video	1280 x 720	59.94p	–	–	✔	–	–
Video	1280 x 720	60p	–	–	✔	–	–
Video	1920 x 1080	50i	–	–	–	–	–
Video	1920 x 1080	59.94i	–	–	–	–	–
Video	1920 x 1080	60i	–	–	–	–	–
Video	1920 x 1080	23.98p	–	–	–	–	–
Video	1920 x 1080	24p	–	–	–	–	–
Video	1920 x 1080	25p	–	–	–	–	–
Video	1920 x 1080	29.97p	–	–	–	–	–
Video	1920 x 1080	30p	–	–	–	–	–
Video	1920 x 1080	50p	–	–	✔	–	–
Video	1920 x 1080	59.94p	–	–	✔	–	–
Video	1920 x 1080	60p	–	–	✔	–	–

■ Common notes

- "SS" stands for "Separate Sync"
- "CS" stands for "Composit Sync"
- "SoY" stands for "Sync on Y"
- "SoG" stands for "Sync on Green"

■ Notes

*1 Support only set [Wide] on [Resolution] in [Image] menu.

■ Supported PC Free File Types

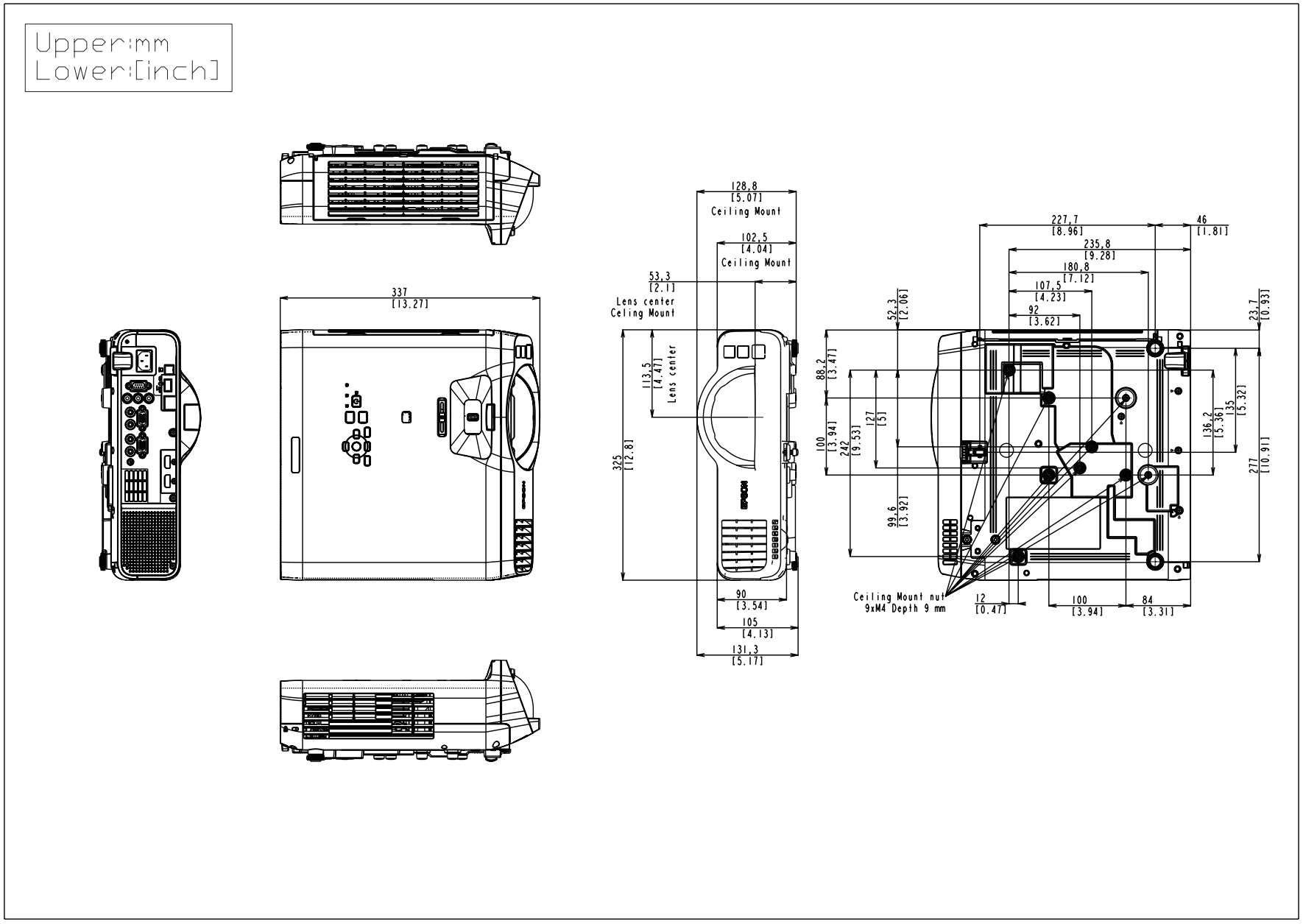
You can project these types of files using the projector's PC Free feature.

File type		Details
Image	JPEG	• RGB color • Baseline format • Resolution 8192×8192 or less • High compression rate file is not supported
	BMP	Resolution 1280×800 or less
	GIF	• Resolution 1280×800 or less • Interlace format and animation file are not supported
	PNG	• Resolution 1920×1080 or less • Interlace format is not suported
Movie	AVI (Motion JPEG)	• AVI1.0 only • Resolution 1280×720 or less • Size 2 GB or less • Movie Codec: Motion JPEG • Frame Rate: up to 30 fps • Audio codec: LPCM or IMA ADPCM • Audio Sampling Rate: 11.025 kHz, 16 kHz, 22.05kHz, 24 kHz, 32 kHz, 44.1 kHz, or 48 kHz

	MP4/MOV (H.264, H.265)	• Resolution 1920×1200 or less
		• Size 2 GB or less
		• Movie Codec: H.264/MPEG-4 AVC, H.265/MPEG-H HEVC
		• Frame Rate: up to 30 fps
		• Profile:
		  • H.264/MPEG-4 AVC: Baseline Profile, Main Profile, High Profile
		  • H.265/MPEG-H HEVC: Main Profile
		• Color Format: YUV420
		• Single slice structure
		• Audio Codec: MPEG-2 AAC-LC, MPEG-4 AACLC, or LPCM
		• Audio Channel: up to 2ch (channel 2)
		• Audio Bit: 8 bits or 16 bits
		• Audio Sampling Rate:
		  • MPEG-2 AAC-LC: 44.1 kHz, 48 kHz
		  • MPEG-4 AAC-LC: 44.1 kHz, 48 kHz
		  • LPCM: 11.025 kHz, 16kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, or 48 kHz

External Dimensions

Projector

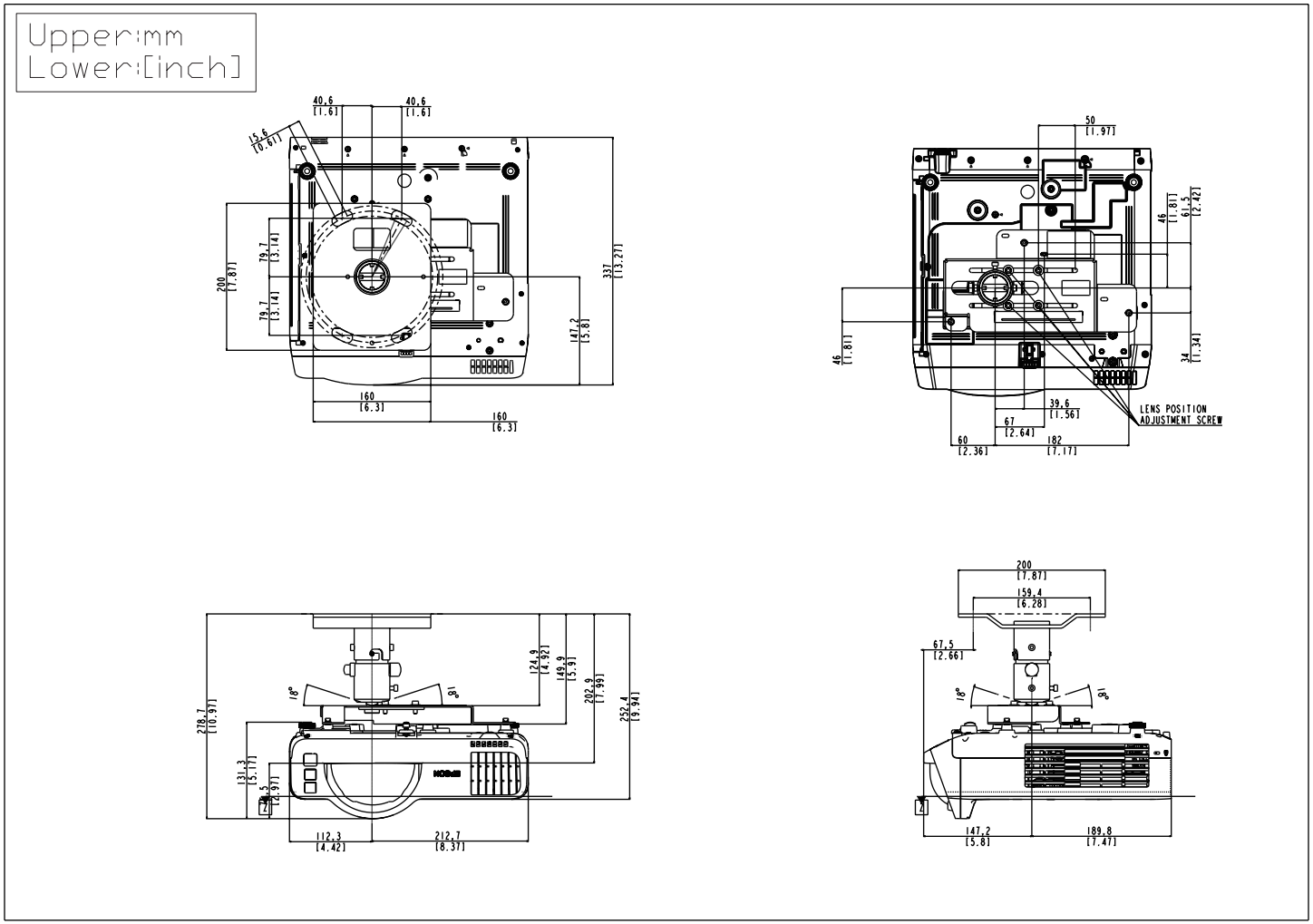


Ceiling Mount (ELPMB23)

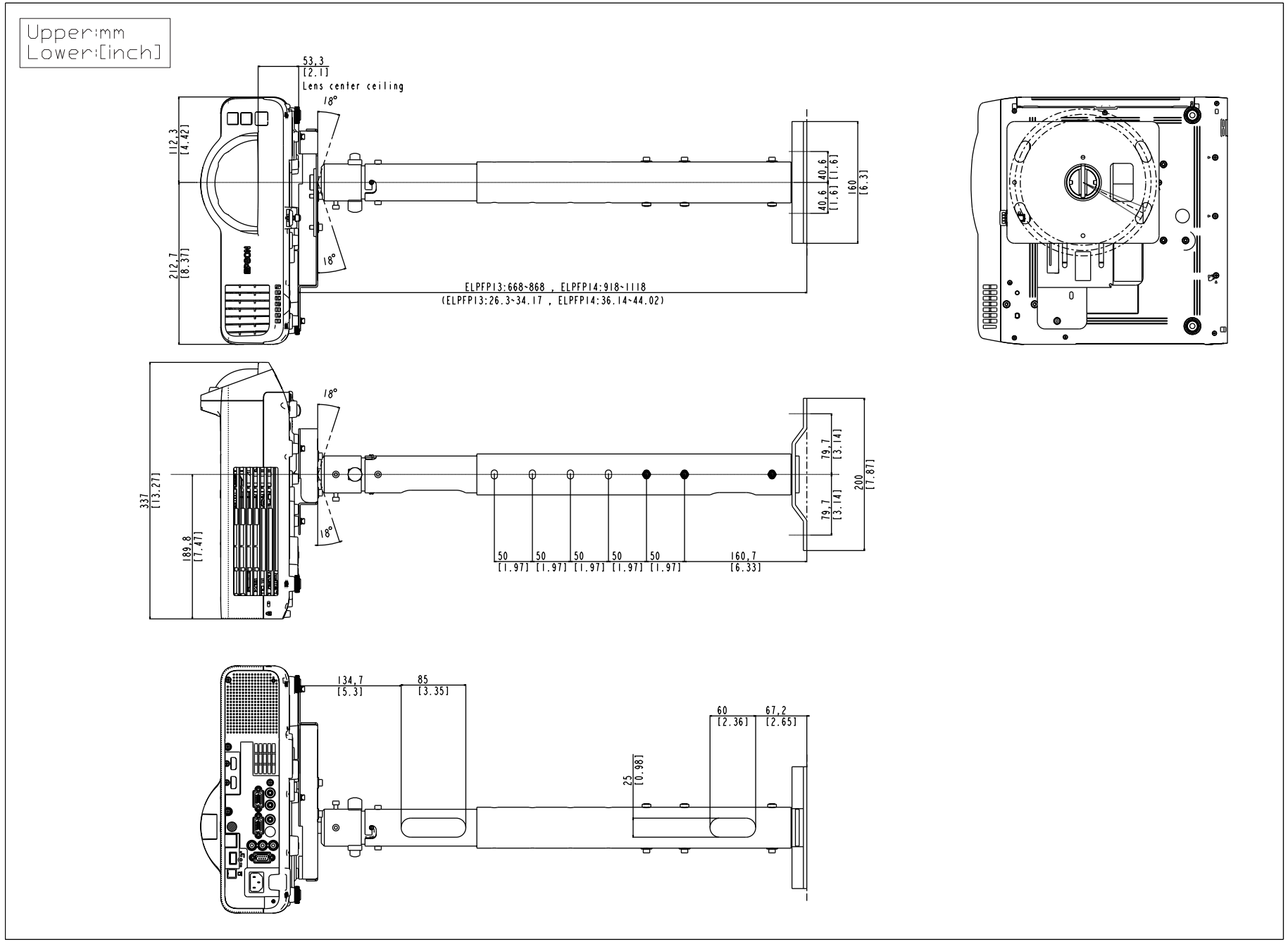
Weight

Projector	Ceiling Mount (ELPMB23)	Ceiling pipe (450 mm) (ELPFP13)	Ceiling pipe (700 mm) (ELPFP14)
Approx. 4.6kg	Approx. 3.4kg	Approx. 2.1kg	Approx. 2.6kg

ELPMB23 Dimensions



ELPMB23+ELPFP13/ELPFP14 Dimensions

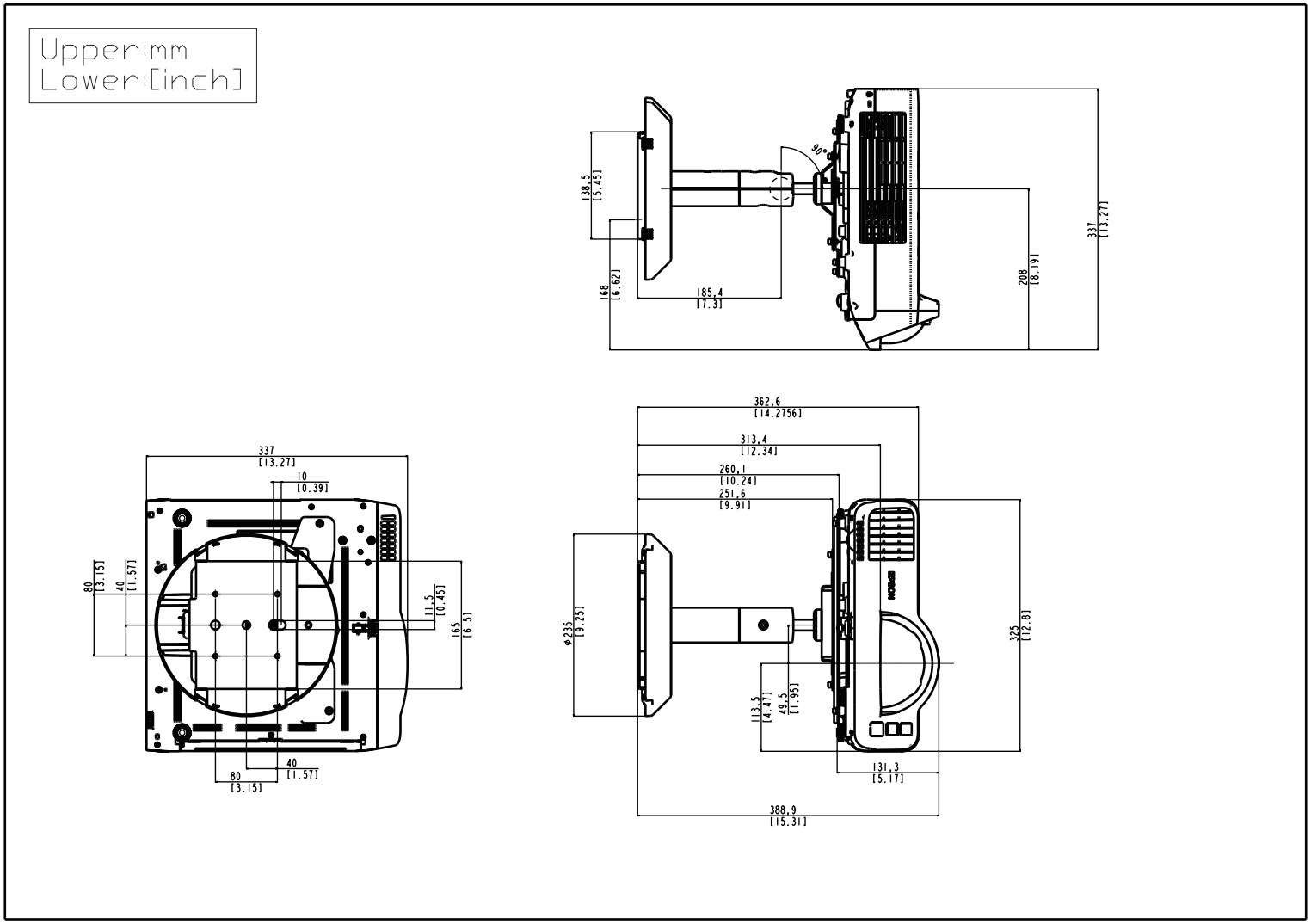


Ceiling Mount/Floor Stand (ELPMB60W/ELPMB60B)

Weight

Projector	Ceiling Mount/Floor Stand (ELPMB60W/ELPMB60B)
Approx. 4.6kg	Approx. 2.7kg

ELPMB60W/ELPMB60B Dimensions

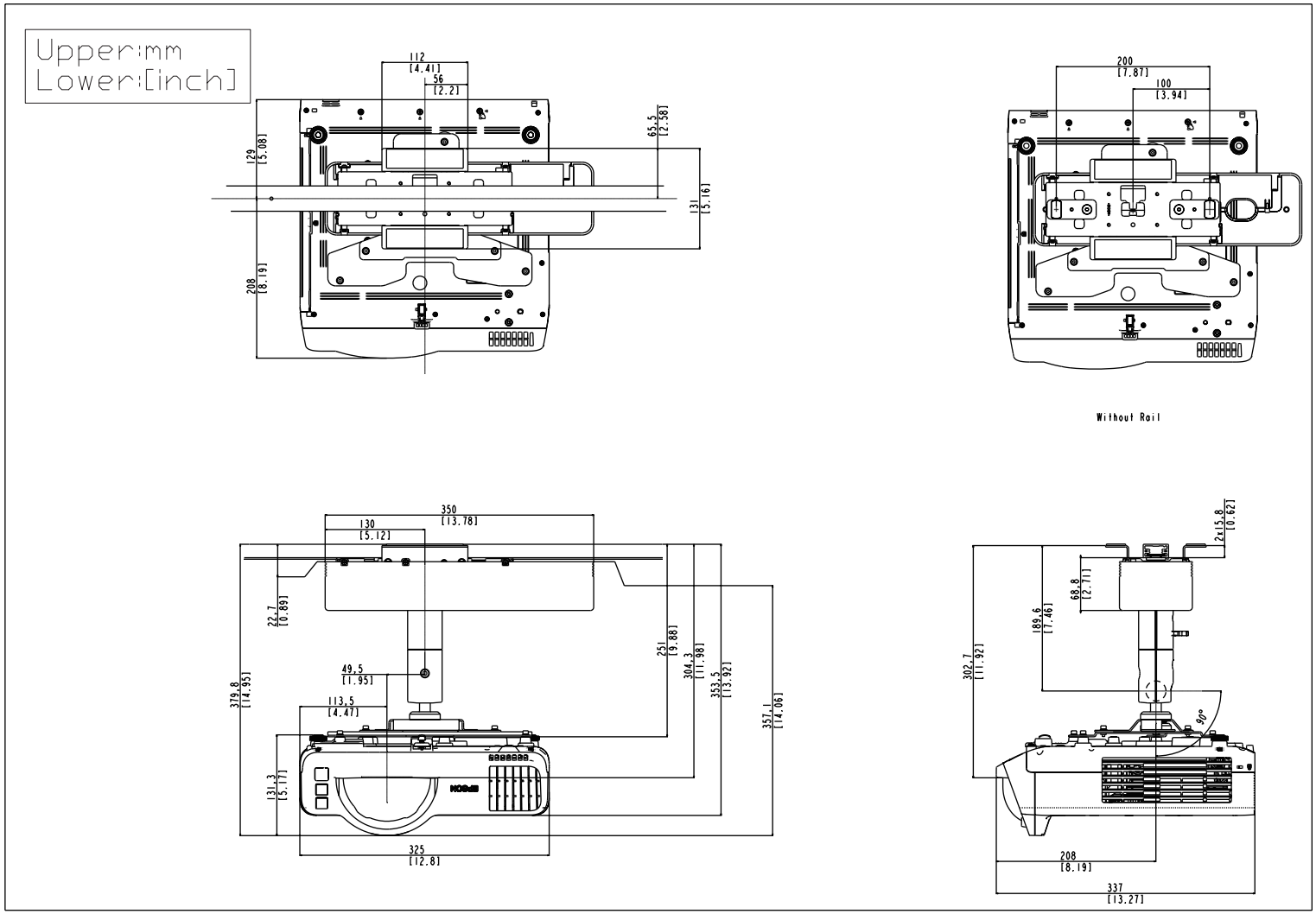


Lighting Track Mount (ELPMB61W/ELPMB61B)

Weight

Projector	Lighting Track Mount (ELPMB61W/ELPMB61B)
Approx. 4.6kg	Approx. 2.5kg

ELPMB61W/ELPMB61B Dimensions

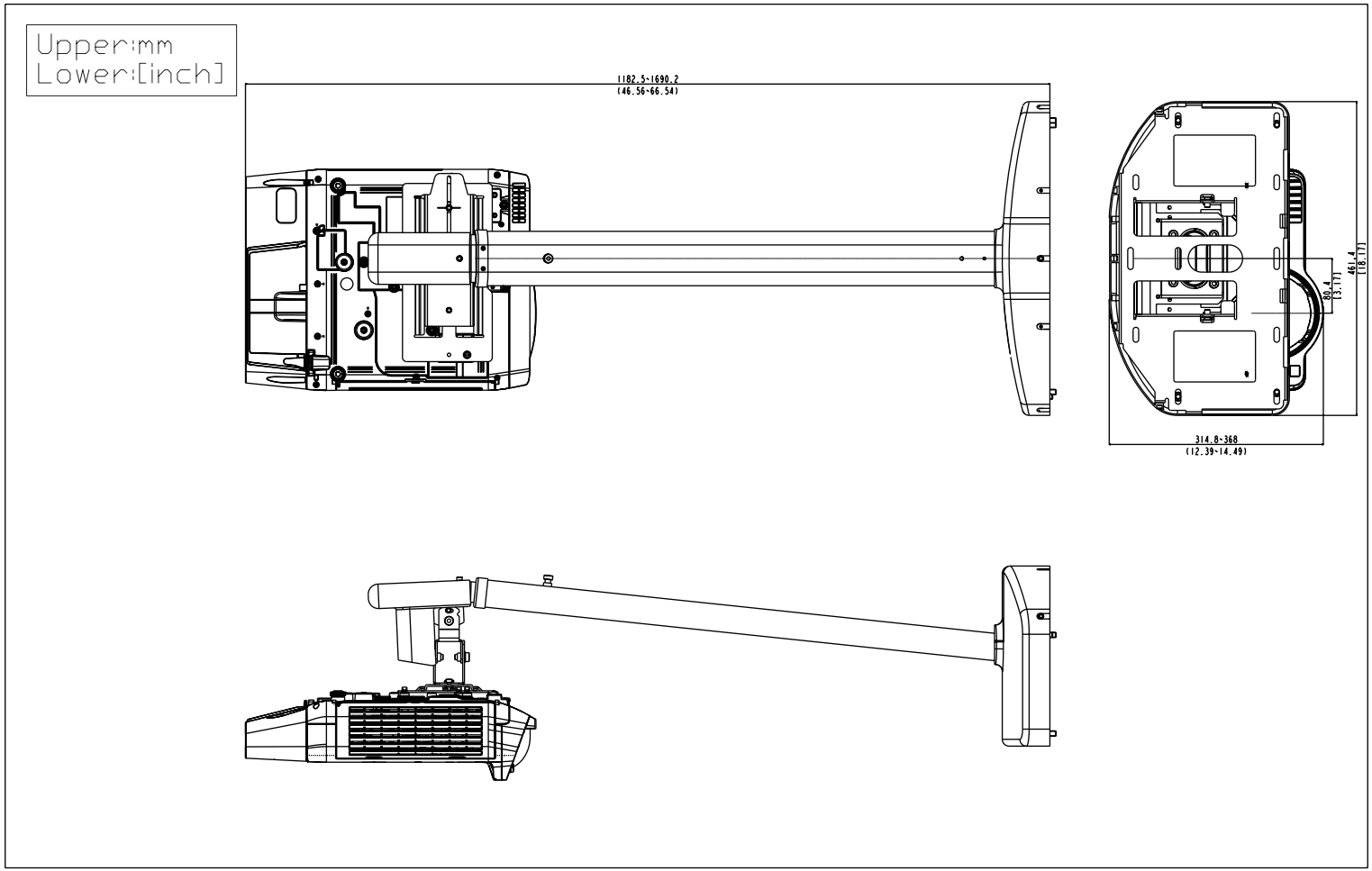


Setting Plate (ELPMB64)

Weight

Projector	Setting Plate (ELPMB64)
Approx. 4.6kg	Approx. 9.7kg

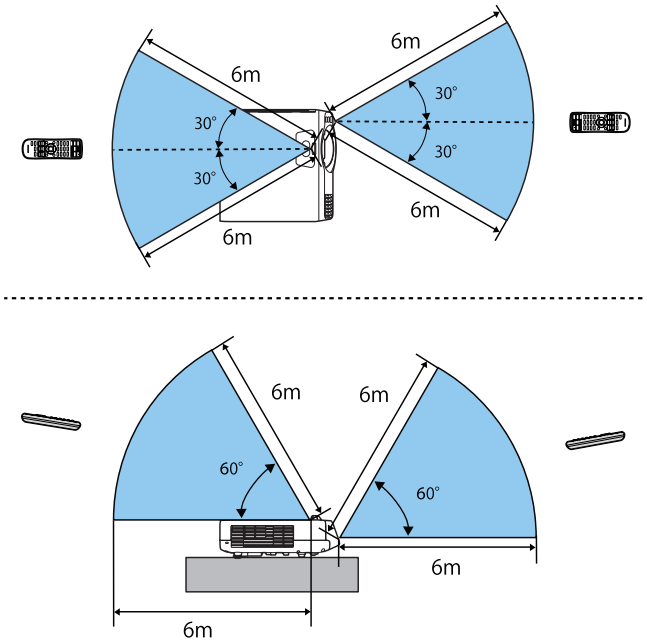
ELPMB64 Dimensions



Installation Specifications

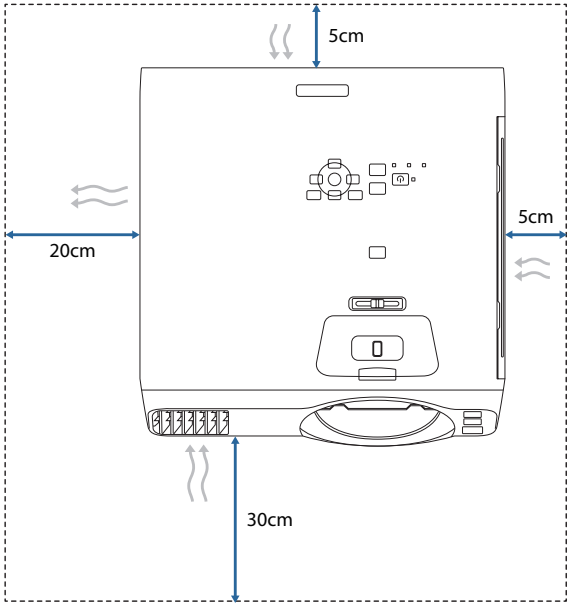
Remote Control Operation (Wireless)

Make sure that you aim the remote control at the projector's receivers within the distance and angles listed here.



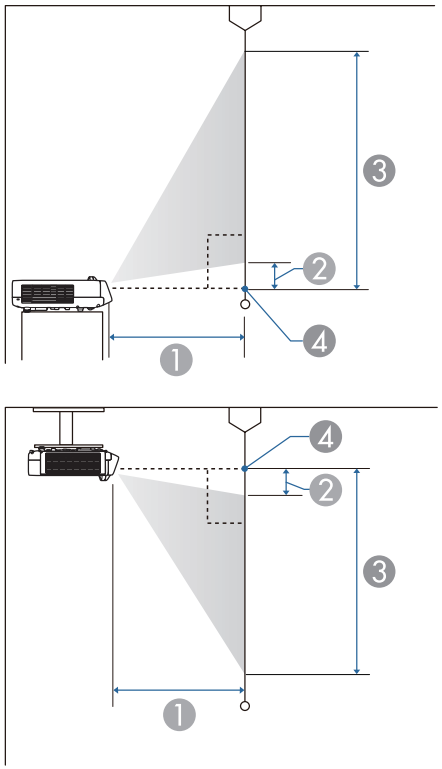
Installation Position

When installing the projector, make sure there is a gap between the wall and the projector's air exhaust and intake vents as shown in the following image.



Projection Distance Formula

You can calculate the projection distance using the following formulas. You can see a more detailed projection simulation on our Web site.
https://epson.com/



1. Projection distance (cm)
2. Distance from the center of the lens to the base of the screen (or to the top of the screen, if suspended from a ceiling) (cm)
3. Distance from the center of the lens to the top of the screen (or to the base of the screen, if suspended from a ceiling) (cm)
4. Center of lens

EB-L210SF

<Screen aspect ratio 16:9>

		Projection distance formula
1	Minimum (Wide)	Projection screen size (inch) × 1.0443 - 3.7059
	Maximum (Tele)	Projection screen size (inch) × 1.40981 - 3.7059
2	Minimum (Wide)	Projection screen size (inch) × 0.12976
	Maximum (Tele)	Projection screen size (inch) × 0.39309
3	Minimum (Wide)	Projection screen size (inch) × 1.37502
	Maximum (Tele)	Projection screen size (inch) × 1.63835

<Screen aspect ratio 4:3>

		Projection distance formula
1	Minimum (Wide)	Projection screen size (inch) × 1.27805 - 3.7059
	Maximum (Tele)	Projection screen size (inch) × 1.72537 - 3.7059
2	Minimum (Wide)	Projection screen size (inch) × 0.1588
	Maximum (Tele)	Projection screen size (inch) × 0.48108
3	Minimum (Wide)	Projection screen size (inch) × 1.6828
	Maximum (Tele)	Projection screen size (inch) × 2.00508

<Screen aspect ratio 16:10>

		Projection distance formula
1	Minimum (Wide)	Projection screen size (inch) × 1.12894 - 3.7059
	Maximum (Tele)	Projection screen size (inch) × 1.52408 - 3.7059
2	Minimum (Wide)	Projection screen size (inch) × 0.14027
	Maximum (Tele)	Projection screen size (inch) × 0.42495
3	Minimum (Wide)	Projection screen size (inch) × 1.48647
	Maximum (Tele)	Projection screen size (inch) × 1.77115

<Screen aspect ratio 21:9>

		Projection distance formula
1	Minimum (Wide)	Projection screen size (inch) × 1.1013 - 3.7059
	Maximum (Tele)	Projection screen size (inch) × 1.48675 - 3.7059
2	Minimum (Wide)	Projection screen size (inch) × 0.29317
	Maximum (Tele)	Projection screen size (inch) × 0.57088
3	Minimum (Wide)	Projection screen size (inch) × 1.29373
	Maximum (Tele)	Projection screen size (inch) × 1.57144

EB-L210SW

<Screen aspect ratio 16:10>

Projection distance formula		
❶	Minimum (Wide)	Projection screen size (inch) × 1.0837 - 3.6624
	Maximum (Tele)	Projection screen size (inch) × 1.463 - 3.6624
❷	Minimum (Wide)	Projection screen size (inch) × 0.15818
	Maximum (Tele)	Projection screen size (inch) × 0.44913
❸	Minimum (Wide)	Projection screen size (inch) × 1.50438
	Maximum (Tele)	Projection screen size (inch) × 1.79532

<Screen aspect ratio 4:3>

Projection distance formula		
❶	Minimum (Wide)	Projection screen size (inch) × 1.22683 - 3.6624
	Maximum (Tele)	Projection screen size (inch) ×1.65622 - 3.6624
❷	Minimum (Wide)	Projection screen size (inch) × 0.17907
	Maximum (Tele)	Projection screen size (inch) × 0.50844
❸	Minimum (Wide)	Projection screen size (inch) × 1.70307
	Maximum (Tele)	Projection screen size (inch) × 2.03244

<Screen aspect ratio 16:9>

Projection distance formula		
❶	Minimum (Wide)	Projection screen size (inch) × 1.11383 - 3.6624
	Maximum (Tele)	Projection screen size (inch) × 1.50367 - 3.6624
❷	Minimum (Wide)	Projection screen size (inch) × 0.23176
	Maximum (Tele)	Projection screen size (inch) × 0.53079
❸	Minimum (Wide)	Projection screen size (inch) × 1.47702
	Maximum (Tele)	Projection screen size (inch) × 1.77606

■ Monitoring and Control

You can check the status of networked projectors and perform various projector operations using these methods.

Method	Details
ESC/VP21 command	When the projector is connected to a computer with an RS-232C cable, you can control the projector with communication commands.
Epson Web Control	By using the Web browser of a computer connected to the projector on a network, you can set the projector's functions and control the projector.
PJLink command	The projector complies with the PJLink Class2 standard established by the JBMIA. From a computer connected to the projector on a network, you can control the projector with PJLink commands. For more details on PJLink, see the following Web site. http://pjlink.jbmia.or.jp/english/
Art-Net command	Art-Net is an Ethernet communication protocol based on the TCP/IP protocol. You can control the projector by using a DMX controller or an application system.
Epson Projector Management	Allows you to control multiple Epson projectors on a network. You can download Epson Projector Management from the following Web site. epson.sn/
Crestron Connected	If you are using the Crestron Connected network monitoring and control system, you can set up your projector for use on the system. For additional information on Crestron Connected, visit the Crestron Web site. https://www.crestron.com/products/line/crestron-connected

ESC/VP21 Command List

Item	Function	Command	Setting Value/Response Value
Power on/off *1	Power on	PWR ON	-
	Power off	PWR OFF	-
	Get status	PWR?	-
		Return code	00: Standby 01: Normal operation 02: Warming up 03: Cooling down 04: Monitoring/Communication standby 05: Error standby 09: A/V standby
Operation	Key operation	KEY xx	Control panel 01: Power 03: Menu 04: Home 05: Esc 16: Enter 35: Up 36: Down 37: Left 38: Right 48: Source Search 15: A/V Mute

Item	Function	Command	Setting Value/Response Value
Operation	Key operation	KEY xx	Remote control 3B: Power A1: Power on 6C: Power off 3C: Menu 30: Home 3D: Esc 49: Enter 58: Up 59: Down 5A: Left 5B: Right 4A: Auto 43: Computer 67: Source Search 4D: HDMI 8A: LAN 85: USB 47: Freeze 28: E-Zoom + 29: E-Zoom - 3E: A/V Mute 3F: Color Mode 20: Aspect 56: Volume + 57: Volume - 84: User 88: Default 8F: ID A0: Split
Adjusting projected image	V-Keystone setting/ Get value	VKEYSTONE xxx	-
		VKEYSTONE?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	H-Keystone setting/ Get value	HKEYSTONE xxx	-
		HKEYSTONE?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Auto Keystone setting/Get value	AUTOKEYSTONE xxx	-
		AUTOKEYSTONE?	-
		Parameter/ Return code	ON/OFF INIT (settings only)
	Quick Corner direction setting/Get value (based on projection area)	QCS x1 x2 x3 x4 x5 x6 x7 x8	-
		Parameter	x1-x8: 0-9999 Specify in the order of upper left (x,y), upper right (x,y), bottom right (x,y), bottom left (x,y)
		QCS?	-
		Return code	0-9999 Position (x,y) for four points separated by line breaks

Item	Function	Command	Setting Value/Response Value
Adjusting projected image	Quick Corner vector setting	QCV x1 x2 x3 x4 x5 x6 x7 x8	-
		Parameter	x1-x8: -99 ~ 99 Specify in the order of upper left (x,y), upper right (x,y), bottom right (x,y), bottom left (x,y)
	Quick Corner direction movement	QCMV control direction movement	-
		Parameter	control: Control location 01: Upper left control 02: Upper right control 03: Bottom right control 04: Bottom left control INIT (settings only) direction: Direction 01: Up direction 02: Down direction 03: Left direction 04: Right direction movement: Amount of movement INC only (settings only)
	Sliding H-Keystone setting/Get value	SLIDEKEYSTONE xxx	-
		SLIDEKEYSTONE?	-
		Parameter/ Return code	00: Off 01: On INIT (settings only)
	Correction method setting/Get value	CORRECTMET x1	-
		CORRECTMET?	-
		Return code	01: H/V-Keystone 02: Quick Corner 03: Point Correction 06: Arc Correction
	Aspect setting/ Get value	ASPECT xx	-
		ASPECT?	-
		Parameter/ Return code	30: Auto 40: Full 50: Zoom (EB-L210SW) 50: H-Zoom (EB-L210SF) 60: Native A0: V-Zoom (EB-L210SF) INIT (settings only) <Auto> only (get only) x1: Mode x2: Auto parameter (fixed at 30)

Item	Function	Command	Setting Value/Response Value
Adjusting projected image	Screen Type setting/ Get value	SCFORMAT mode param	-
		SCFORMAT? mode	-
		Parameter/ Return code	mode: Setting mode 01: Screen Type setting 02: Screen Position setting INIT(settings only) param: set value (mode=01) 01: 4:3 02: 16:9 03: 16:10 05: 21:9 (EB-L210SF) param: set value (mode=02) C19 - 000 - 3E7
	Brightness and light source setting/ Get value	LUMINANCE xx	-
		LUMINANCE?	-
		Parameter/ Return code	00: Normal 01: Quiet 04: Extended 05: Custom INIT (settings only)
	Brightness level setting/Get value	LUMLEVEL level	-
		LUMLEVEL?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Maintain brightness setting/Get value	LUMCONST x1 [x2]	- (EB-L210SF)
		LUMCONST?	- (EB-L210SF)
		Parameter/ Return code	x1: Maintain Brightness 00: Off 01: On INIT (settings only) x2: Brightness Level 0-255
	Dimming rate setting/ Get value	DIMMING x1	-
		DIMMING?	-
		Parameter/ Return code	x1: Dimming rate 0-255
	Digital picture shift setting/Get value	IMGSHIFT x y	-
		IMGSHIFT?	-
		Parameter/ Return code	x:Shift location direction -2 ~ 2 y:Shift location direction -2 ~ 2
	Zoom setting/ Get value	ZOOM xxx	-
		ZOOM?	-
		Parameter/ Return code	Digital tele/wide 0-255 INIT/INC/DEC (settings only)
	Over scan setting/Get value	OVSCAN xx	-
		OVSCAN?	-
		Parameter/ Return code	00: Off 02: 4% 04: 8% A0: Auto INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Source change /Signal setting	Source change/get	SOURCE xx	-
		SOURCE?	-
		Parameter/ Return code	10: Computer1 20: Computer2 30: HDMI1 41: Video 51: USB Display 52: USB 53: LAN 56: Screen Mirroring1 58: Spotlight 59: Screen Mirroring2 A0: HDMI2 F0: Cycle through all sources F1: Switch to Computer1, Computer2, USB Display, USB, LAN, Screen Mirroring1, Screen Mirroring2 F2: Switch to HDMI1, HDMI2, Video
	Resolution setting/Get value	RESOL x1	-
		RESOL?	-
		Parameter/ Return code	00: Auto F0: Wide F1: Normal INIT (settings only)
	Auto source search	AUTOSEARCH x1	-
		AUTOSEARCH?	-
		Parameter/ Return code	00: Off 01: On
Adjusting image quality	Brightness setting/Get value	BRIGHT xxx	-
		BRIGHT?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Contrast setting/ Get value	CONTRAST xxx	-
		CONTRAST?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Color saturation setting/Get value	DENSITY xxx	-
		DENSITY?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Color tint setting/Get value	TINT xxx	-
		TINT?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Sharpness setting/Get value	SHARP x1	-
		Parameter	x1: Adjustment value 0-255 INC/DEC/INIT
		SHARP?	-
		Return code	0-255
	Color temperature setting/Get value	CTEMP xxx	-
		CTEMP?	-
		Parameter/ Return code	Color Temp. 0-255 INIT/INC/DEC (settings only)
	GM correction setting/Get value	FCOLOR xxx	-
		FCOLOR?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Color mode setting/ Get value	CMODE xx	-
		CMODE?	-
		Parameter/ Return code	01: sRGB 04: Presentation 06: Dynamic 0F: DICOM SIM 11: Blackboard 15: Cinema 1A: Multi-Projection (EB-L210SF) INIT (settings only)
	Horizontal display position setting/ Get value	HPOS xxx	-
		HPOS?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Vertical display position setting/ Get value	VPOS xxx	-
		VPOS?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Tracking setting/ Get value	TRACKING xxx	-
		TRACKING?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Sync. setting/ Get value	SYNC xxx	-
		SYNC?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Noise reduction setting/Get value	NRS xx	-
		Parameter	0-255 INIT/INC/DEC
		NRS?	-
		Return code	0-255
	MPEG noise reduction	MPEGNRS x1	-
		MPEGNRS?	-
		Parameter/ Return code	00: Off 01: Low 02: Normal 03: High
	Red offset setting/ Get value Green offset setting/ Get value Blue offset setting/Get value	OFFSETR xxx	-
		OFFSETR?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
		OFFSETG xxx	-
		OFFSETG?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
		OFFSETB xxx	-
		OFFSETB?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Red gain setting/ Get Value Green gain setting/ Get value Blue gain setting/Get value	GAINR xxx	-
		GAINR?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
		GAING xxx	-
		GAING?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
		GAINB xxx	-
		GAINB?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Gamma setting/ Get value	GAMMA xx	-
		GAMMA?	-
		Parameter/ Return code	20: Set 2 21: Set 1 22: Set 0 23: Set -1 24: Set -2 F0: Custom INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Gamma level setting/ Get value	GAMMALV x1 x2	-
		Parameter	x1: Tone 00-08: Tone 1 - Tone 9 x2: Adjustment value 0-255 INC/DEC
		GAMMALV? xx	-
		Parameter	Same as GAMMALV command x1 parameter
		Return code	0-255
	RGBCMY setting/ Get value	AXESADJ x1 x2 x3 x4	-
		Parameter	x1: Color 01: R 02: G 03: B 04: C 05: M 06: Y 90: ALL x2: Hue 0-255 x3: Saturation 0-255 x4: Brightness 0-255 INIT
		AXESADJ?	-
		Return code	0-255 Hue, Saturation, Brightness values for each color in the order of R, G, B, C, M, Y
	Multi screen color matching setting/Get value	MULSCR x1 x2 x3	-(EB-L210SF)
		Parameter	x1: Adjustment type 01: Display pattern 05: Color correction R 06: Color correction G 07: Color correction B 08: Color correction (RGB) INIT
			x2: Level 00: Off (x1=01 only) 01 - 08: Level 1 - Level 8 FF: whole
			x3: Adjustment value (Except for x1=01) 0-255 INIT/INC/DEC [x3]: type (Except for x1=01 & x2=00) 00: Tone pattern 01: Blend pattern
		MULSCR? xx	-(EB-L210SF)
		Parameter	x1: Adjustment type 01: Display pattern 05: Color correction R 06: Color correction G 07: Color correction B
		Return code	Adjustment value of each level or level value for selected adjustment type. Level: 00-08 , FF Adjustment value: 000-255

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Get color adjustment method setting	CSEL?	-
		Return code	07: RGB/RGBCMY
	Image Preset Mode setting/Get value	IMGPRESET x1	-
		IMGPRESET?	-
		Parameter/ Return code	00: Off 01: Preset 1 02: Preset 2 03: Preset 3 04: Preset 4 05: Preset 5 INIT (settings only)
	Super-resolution: fine line adjust setting/ Get value	SHRF x1	-
		SHRF?	-
		Parameter/ Return code	0-255 INC/DEC/INIT
	Super-resolution: soft focus detail setting/Get value	SHRS x1	-
		SHRS?	-
		Parameter/ Return code	0-255 INC/DEC/INIT
	Detail enhancement: range setting/ Get value	DERANGE x1	-
		Parameter	0-255 INC/DEC/INIT
		DERANGE?	-
		Return code	0-255
	Detail enhancement: strength setting/ Get value	DESTRENGTH x1	-
		Parameter	0-255 INC/DEC/INIT
		DESTRENGTH?	-
		Return code	0-255
	Scene Adaptive Gamma Settings/ Acquire settings	SCENEGAMMA x1	-
		SCENEGAMMA?	-
		Parameter/ Return code	0-255 INC/DEC/INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Audio	Volume setting/ Get value	VOL xxx	-
		VOL?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Audio output signal setting/Get value	AUDIO mode [source]	-
		Parameter/ Return code	Audio Output setting (when [source] is not specied) mode: Switching setting 00: Auto 01: Audio1 02: Audio2 03: Audio(L/R) INIT (settings only)
			HDMI Audio Output setting mode: Switching setting 00: Default (HDMI) 01: Audio1 02: Audio2 03: Audio(L/R) INIT (settings only) source: Target source 30: HDMI1 A0: HDMI2
		AUDIO? [source]	-
		Parameter	Same as source parameter in AUDIO command
		Return code	Same as mode parameter in AUDIO command
	Mic input level setting/Get value	MICLEVEL xxx	-
		MICLEVEL?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	A/V output setting/ Get value	AVOUT x1	-
		AVOUT?	-
		Parameter/ Return code	00: While Projecting (NW Standby) 01: Always On (AV Standby) INIT (settings only)
Additional features	A/V mute ON, OFF/ Get status	MUTE x1	-
		MUTE?	-
		Parameter/ Return code	ON : A/V mute ON OFF: A/V mute OFF INIT (settings only)
	Freeze ON, OFF/ Get status	FREEZE xxx	-
		FREEZE?	-
		Parameter/ Return code	ON : Freeze ON OFF: Freeze OFF INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Additional features	LCD alignment/ Get status	LCDALIGNMENT 00 x y updown leftright LCDALIGNMENT 04 updown leftright LCDALIGNMENT mode param	-(EB-L210SF)
		Parameter/ Return code	mode 00: Adjustment (Coordinate specification) 01: LCD alignment setting 02: Adjustment color setting 03: Pattern colorsetting 04: Adjustment (Whole) INIT x 0000~270F: Get X coordinate y 0000~270F: Get Y coordinate updown 9D~00~63: Adjustment vertical direction leftright 9D~00~63: Adjustment horizontal direction param • LCD alignment setting 00: LCD alignment correction OFF 01: LCD alignment correction ON • adjustment color setting (02:specified) 01: Red 02: Blue • pattern colorsetting (03:specified) 01: R/G/B 02: R/G 03: G/B
		LCDALIGNMENT? mode x y LCDALIGNMENT? mode	-
		Parameter	00: Adjustment (Coordinate specification) 01: LCD alignment setting 02: Adjustment color setting 03: Pattern colorsetting x 0000~270F: Get X coordinate y 0000~270F: Get Y coordinate
		Return code	Get adjustment value(00: specified) return vertical and horizontal value. • LCD alignment setting 00: LCD alignment correction OFF 01: LCD alignment correction ON • adjustment color setting(02:specified) 01: Red 02: Blue • pattern colorsetting(03:specified) 01: R/G/B 02: R/G 03: G/B

Item	Function	Command	Setting Value/Response Value
Conguration	Horizontal reverse setting/Get value	HREVERSE xxx	-
		HREVERSE?	-
		Parameter/ Return code	ON : Horizontal reverse OFF: Normal INIT (settings only)
	Upside down setting/ Get value	VREVERSE xxx	-
		VREVERSE?	-
		Parameter/ Return code	ON : Upside down OFF: Normal INIT (settings only)
	Reset all	INITALL2 x1	-
		Parameter/ Return code	x1: Target for reset
	Communication speed setting/ Get value*2	SPEED xx	-
		Parameter	00: 9600bps 01: 19200bps 02: 38400bps 03: 57600bps INIT
		SPEED?	-
		Return code	00: 9600bps 01: 19200bps 02: 38400bps 03: 57600bps
	Projector ID setting/ Get value	PROJID xx	-
		PROJID?	-
		Parameter/ Return code	00: Off 01-09: ID1-ID9 INIT (settings only)
	Illumination/Indicator setting	ILLUM xx	-
		ILLUM?	-
		Parameter/ Return code	00: Off 01: On INIT (settings only)
	Menu rotation setting	OSDROTATE x1	-
		OSDROTATE?	-
		Parameter/ Return code	00: Off 01: Right 90 degree 02: Left 90 degree
	Startup source/ Get value	STSOURCE mode	-
		STSOURCE?	-
		Parameter/ Return code	00: Last source 10: Computer1 30: HDMI1 41: Video 51: USB Display 52: USB 53: LAN 58: Spotlight A0: HDMI2

Item	Function	Command	Setting Value/Response Value
Conguration	Quick startup mode setting/Get	FASTBOOT x1	-
		FASTBOOT?	-
		Parameter/ Return code	00: Off 01: 20 min. 02: 60 min. 03: 90 min.
	Refresh mode setting/Get value	REFRESHTIME x1	-
		REFRESHTIME?	-
		Parameter/ Return code	01: 1 Hour 0D: 13 Hours 02: 2 Hours 0E: 14 Hours 03: 3 Hours 0F: 15 Hours 04: 4 Hours 10: 16 Hours 05: 5 Hours 11: 17 Hours 06: 6 Hours 12: 18 Hours 07: 7 Hours 13: 19 Hours 08: 8 Hours 14: 20 Hours 09: 9 Hours 15: 21 Hours 0A: 10 Hours 16: 22 Hours 0B: 11 Hours 17: 23 Hours 0C: 12 Hours 18: 24 Hours
	Refresh mode start	REFRESH	-
		Parameter	x1: ON OFF
	Refresh mode running message display setting/Get	REFRESHMSG x1	-
		REFRESHMSG?	-
		Parameter/ Return code	00: Messages off 01: Messages on
	Batch setup range setting/Get	BARANGE x1	-
		BARANGE?	-
		Parameter/ Return code	00: All 01: Limited
	Light source calibration start (run now)	LTCALB	- (EB-L210SF)
	Auto light source calibration setting/Get (run periodically)	AUTOLTCALB x1	- (EB-L210SF)
		AUTOLTCALB?	- (EB-L210SF)
		Parameter/ Return code	00: Off 01: On (Run periodically)
	Get last date and time of the light source calibration	LASTLTCALB?	- (EB-L210SF)
		Return code	yyyyMMddHHmm (Year/Month/Day/Time) 2000 - 2099: yyyy 01 - 12: MM 01 - 31: dd 00 - 23: HH 00 - 59: mm
	USB Power in Standb Settings/Acquire settings USB Power Settings/ Acquire settings	USBSUPPLY x1	-
		USBSUPPLY ?	-
		Parameter/ Return code	00: On when projecting 01: Always On

Item	Function	Command	Setting Value/Response Value
Conguration	Menu color setting/ Get value	MENUCOLOR x1	-
		MENUCOLOR?	-
		Parameter/ Return code	00: Black 01: White INIT (settings only)
	Transmitter Connection Guide Display setting/Get value	TRNSGUIDE x1	-
		TRNSGUIDE?	-
		Parameter/ Return code	00: Off (No display) 01: On (display) INIT (settings only)
	Transmitter Auto Power On setting/Get value	TRNSPWRON x1	-
		TRNSPWRON?	-
		Parameter/ Return code	00: Off 01: On INIT (settings only)
Home Screen	Home screen auto display	AUTOHOME x1	-
		AUTOHOME?	-
		Parameter/ Return code	00: Off (No display) 01: On (Display auto)
	Sort sources	HSORT x1	-
		HSORT?	-
		Parameter/ Return code	00: Off 01: On INIT (settings only)
Network	Get AMX DDDP BeaconMessage *2	AMX	-
		Return code	* Follow AMX specication. AMXB<-SDKClass=VideoProjector> <-GUID=EPSON_EMP001><-Revision=1.0.0>
	AMX DDDP IP BeaconMessage status setting/ Get status	AMXDDDP xx	-
		AMXDDDP?	-
		Parameter/ Return code	00: Stop sending BeaconMessage 01: Start sending BeaconMessage INIT (settings only)
	Wireless LAN power	WLPWR x1	-
		WLPWR?	-
		Parameter/ Return code	00: Off 01: Wireless LAN On
Screen Mirroring	Screen Mirroring (power) setting/Get	WDPWR x1	-
		WDPWR?	-
		Parameter/ Return code	00: Off 01: On
	Performance tuning setting/Get value	WDPERF x1	-
		WDPERF?	-
		Parameter/ Return code	01: 1 (Fine) 02: 2 03: 3 04: 4 (Fast)
	Reflect Screen Mirroring setting	WDRESET	-

Item	Function	Command	Setting Value/Response Value
Screen Mirroring	Interrupt Screen Mirroring setting/Get value	WDINTRPT x1	-
		WDINTRPT?	-
		Parameter/ Return code	00: Off 01: On
	Information bar setting/Get value	WDINFOBAR x1	-
		WDINFOBAR?	-
		Parameter/ Return code	00: Off 01: On
Information	Get light source usage hour	LAMP?	-
		Return code	LAMP=x1 x1: Light Source Hours
	Get usage hours	ONTIME?	-
		Return code	ONTIME=x1 x1: Operation Hours
	Get signal status	SIGNAL?	-
		Return code	00: No signal 01: With signal FF: Unsupported signal
	Get input source information	SOURCELIST?	-
		Return code	30 HDMI1 A0 HDMI2 10 Computer1 20 Computer2 41 Video 51 USB Display 52 USB 53 LAN 56 Screen Mirroring1 59 Screen Mirroring2 58 Spotlight
	Get input source information (all source)	SOURCELISTA?	-
		Return code	30 HDMI1 A0 HDMI2 10 Computer1 20 Computer2 41 Video 51 USB Display 52 USB 53 LAN 56 Screen Mirroring1 59 Screen Mirroring2 58 Spotlight
	Log save destination	LOGTO x1	-
		LOGTO?	-
		Parameter/ Return code	00: Internal Memory 01: USB and Internal Memory

*1 Available even when the password protection is activated.

*2 Only available when you transmit commands using the RS-232C cable.

PJLink Command List

Command	Function	Setting Value/ Response Value	Content
POWR?	Power-off (Standby) Abnormal standby	POWR=0	PWR=00,04,05
	Power-on (Laser on)	POWR=1	PWR=01
	Cooling status	POWR=2	PWR=03
	Warm up status	POWR=3	PWR=02
INPT INPT? INST?	RGB (Analog RGB signal)	11	Computer1
		12	Computer2
	VIDEO (Video and Compornent video signal)	21	Video(RCA)
	DIGITAL (Digital signal)	32	HDMI1
		33	HDMI2
	STORAGE (Storage media signal)	41	USB
		44	Spotlight
	NETWORK (Network communication)	52	LAN
		53	USB Display
		57	Screen Mirroring1
		58	Screen Mirroring2
ERST?	First character: Fan error	2: error	Fan error
	Second character: Laser error		Laser error Laser failure
	Third character: Temperture error		High temperture warning High temperture error
	Sixth character: Other errors		Other warnings Other errors
AVMT?	A/V mute	31	MUTE=ON
	Normal	30	MUTE=OFF
NAME?	Projector name query		Projector name
INF1?	Manufacture name information query		EPSON
INF2?	Product name information query		EB-L210SF EPSON L210SF EB-L210SW EPSON L210SW
INFO?	Other information query		-
CLSS?	Class information query		2
LAMP?	[L1 light source usage time] [L1 light source query] (ESC/VP21 command: LAMP?, PWSTATUS?)		-

Class2 Command List

Command	Status	Setting Value/ Response Value	Content
SRCH ?	Request to search projector		-
ACKN	Response to projector search		-
LKUP =	Status notification (link up)		- When address is confirmed
ERST =	Status notification (error occurred)		-
POWR =	Status notification (changing power status)		-
INPT =	Status notification (changing input source)		-
SNUM ?	Serial number query		-
SVER ?	Software version query		- Response Main (P)
INNM ?	Input port name query		-
IRES ?	Input resolution query		-
RRES ?	Recommended resolution query		-
FILT ?	Filter usage time query		-
RFIL ?	Response filter model number		ELPAF60
SVOL	Adjust speaker volume		VOL INC/DEC
MVOL	Adjust mic volume		MICLEVEL INC/DEC
FREZ FREZ ?	Freeze	1	FREEZE=ON
	Freeze off	0	FREEZE=OFF

Art-Net Channel Definitions

The following table lists the channel definitions used to control the projector in Art-Net.
First, set Channel 13 to "Can control".

Channel/Function	Channel/Function	Operation	Parameters	Default value
1 Adjusting light (dimming)	0% to 100%	0 to 255	0	Adjusts the image brightness.
2 Shutter control	Shutter open	0 to 63	128	Enables/disables A/V Mute.
	Non-operational	64 to 191		
	Shutter closed	192 to 255		
3 Switch source	Non-operational	0 to 7	0	Switches to the specified source.
	HDMI1	8 to 15		
	HDMI2	16 to 23		
	Non-operational	24 to 31		
	Non-operational (DVI-D)	32 to 39		
	Non-operational (Display Port)	40 to 47		
	Non-operational (SDI)	48 to 55		
	Computer1	56 to 63		
	Computer2	64 to 71		
	Non-operational (BNC)	72 to 79		
	LAN	80 to 87		
	Screen Mirroring1	88 to 95		
	Screen Mirroring2	96 to 103		
	USB Display	104 to 111		
	USB	112 to 119		
	Spotlight	120 to 127		
	Video	128 to 135		
	Non-operational	136 to 255		
7 Digital tele/wide	Zoom	0 to 255	255	Zooms using the specified amount of movement.
11 Power control	Power off	0 to 63	128	Turns the projector power on or off.
	Non-operational	64 to 191		
	Power on	192 to 255		
13 Lock	Cannot control	0 to 127	0	Enables/disables Art-Net operations.
	Can control	128 to 255		
18 Content playback	Non-operational	0 to 3	0	Plays the specified playlist.
	Playlist 1	4 to 7		
	Playlist 2	8 to 11		
	Playlist 3	12 to 15		
	Playlist 4	16 to 19		
	Playlist 5	20 to 23		
	Playlist 6	24 to 27		
	Playlist 7	28 to 31		
	Playlist 8	32 to 35		
	Playlist 9	36 to 39		
	Playlist 10	40 to 43		
	Playlist 11	44 to 47		
	Playlist 12	48 to 51		

Channel/Function	Channel/Function	Operation	Parameters	Default value
18 Content playback	Playlist 13	52 to 55	0	Plays the specified playlist.
	Playlist 14	56 to 59		
	Playlist 15	60 to 63		
	Playlist 16	64 to 67		
	Playlist 17	68 to 71		
	Playlist 13	52 to 55		
	Playlist 14	56 to 59		
	Playlist 15	60 to 63		
	Playlist 16	64 to 67		
	Playlist 17	68 to 71		
	Playlist 18	72 to 75		
	Playlist 19	76 to 79		
	Playlist 20	80 to 83		
	Playlist 21	84 to 87		
	Playlist 22	88 to 91		
	Playlist 23	92 to 95		
	Playlist 24	96 to 99		
	Playlist 25	100 to 103		
	Playlist 26	104 to 107		
	Playlist 27	108 to 111		
	Playlist 28	112 to 115		
	Playlist 29	116 to 119		
	Playlist 30	120 to 123		
	Playlist 31	124 to 127		
	Playlist 32	128 to 131		
	Playlist 33	132 to 135		
	Playlist 34	136 to 139		
	Playlist 35	140 to 143		
	Playlist 36	144 to 147		
	Playlist 37	148 to 151		
	Playlist 38	152 to 155		
	Playlist 39	156 to 159		
	Playlist 40	160 to 163		
	Playlist 41	164 to 167		
	Playlist 42	168 to 171		
	Playlist 43	172 to 175		
	Playlist 44	176 to 179		
	Playlist 45	180 to 183		
	Playlist 46	184 to 187		
	Playlist 47	188 to 191		
	Playlist 48	192 to 195		
	Playlist 49	196 to 199		
	Playlist 50	200 to 203		
	Non-operational	204 to 255		

If you are controlling the projector using Art-Net and operating it from the remote control, settings made by the DMX controller or application software may differ from the projector's actual status. If you want to apply all the channel controls to the projector, set Channel 13 to "Cannot control", then set it back to "Can control".

Appendix

Cautions

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